

Fig. 1

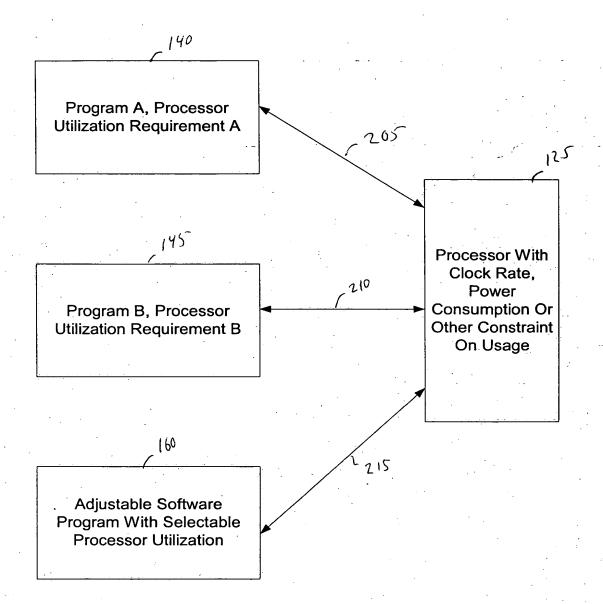


Fig. 2

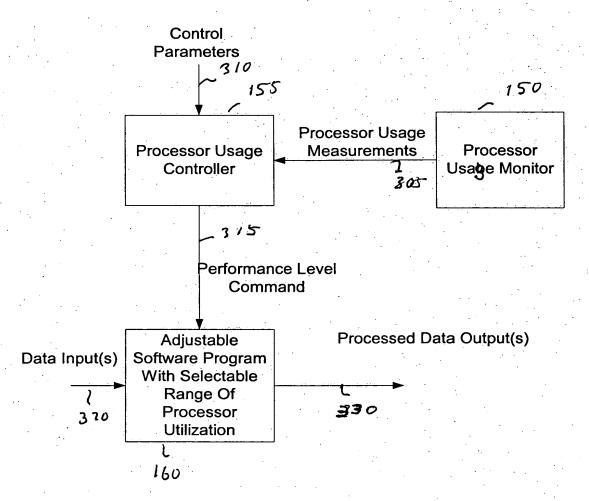


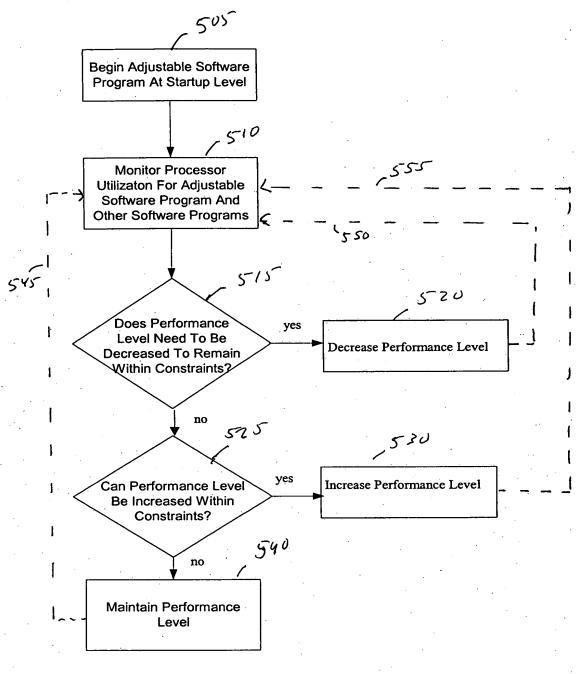
Fig. 3

Monitor Processor Utilization For Adjustable Software Program And Other Software Applications

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Adjust Software Utilization Of Adjustable Software Program Based On Measured Processor Utilization To Maintain Processor Utilization By Adjustable Software Program Within A Desired Constraint

Fis. 4



FI 6.5

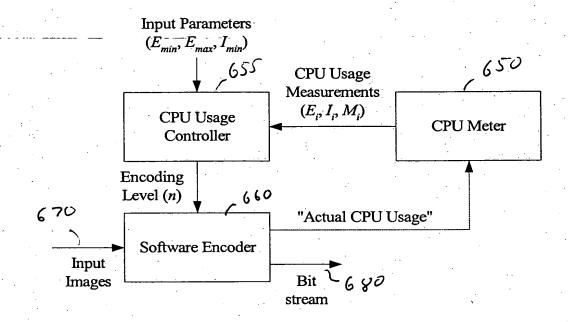
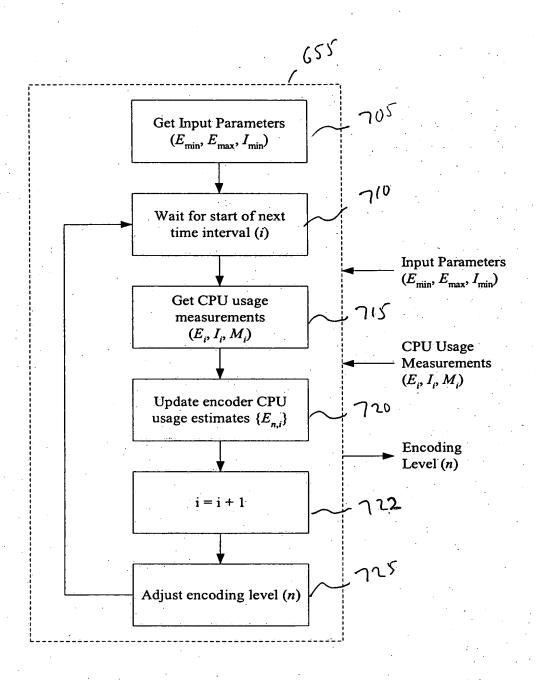


Fig. 6



Fis. 7

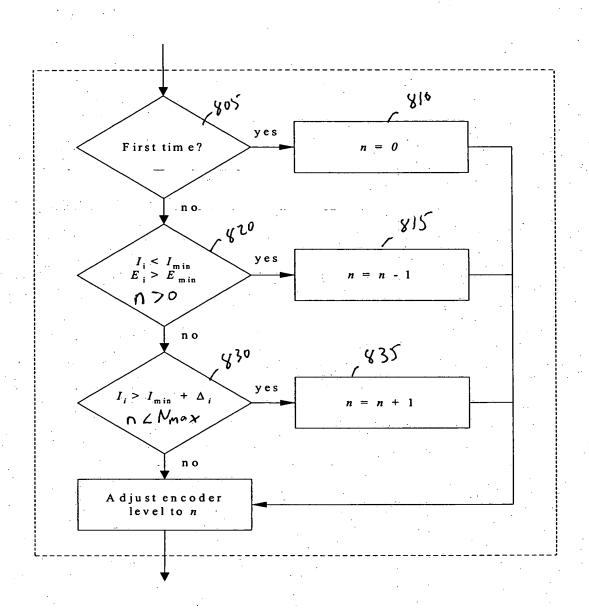
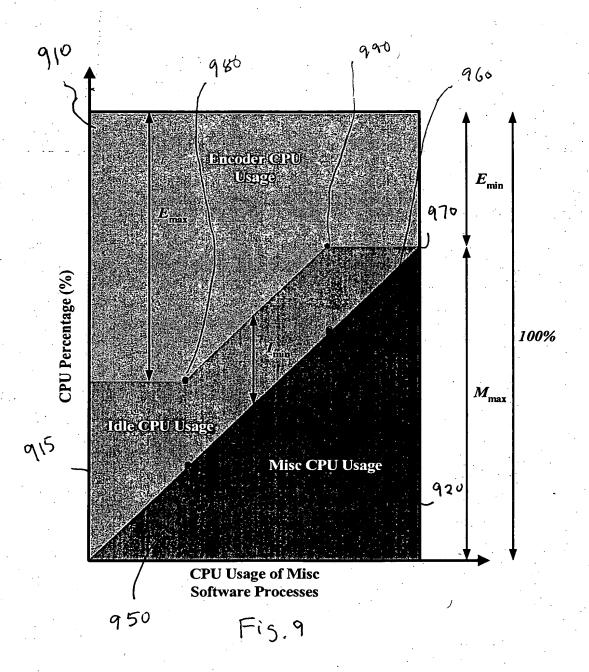


Fig. 8



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		,		۰.,						
040	Full precision MAD calculations?	No	No	No	No	No	No	No	No	Yes
1035	Field-frame DCT?	°N N	S _N	No	No	No	No	No	Yes	Yes
0801	Field-frame motion estimation?	%	%	No	No	No	No	Yes	Yes	Yes
(025	Half-pel motion vectors?	No	°Z	No	No	No	Yes	Yes	Yes	Yes
020)	Bidirectional motion prediction?	S ₀	No.	°Z	No No	Yes	Yes	Yes	Yes	Yes
(015	High quality motion search?	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
0101	Inverse telecine detection?	S N	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5001	Noise pre- processing?	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Encoding level (n)	0	_	2	8	4	5	9	7	∞